## **United States Department of Agriculture**



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PENNSYLVANIA BULLETIN NO. PA210-7-5

April 30, 2007

SUBJECT: ENG - Standard Detail Drawing for Lanco Concrete Walls and an updated "Index of Standard Detail Drawings by Non-NRCS Engineers Receiving NRCS Concurrence"

**Purpose**. To provide design data sheets for standard detail drawings prepared by Lanco Concrete Walls and concurred in by NRCS.

Expiration Date. September 30, 2007.

**Background**. NRCS has concurred in Lanco Concrete Walls standard detail drawings LA8CT1-11, LA10CT1-11, LA12CT1-12, and LA16CT1-11 for circular waste storage structures. The drawings prepared and sealed by David Dorau/Rodney Sommer, P.E. include 8', 10', 12', and 16' tanks with <u>even</u> backfill. These designs replace those dated 6/12/94.

Extra wall steel or a concrete pad is required at the equipment access point unless an equipment access pad is installed.

Copies of the drawing sheets have been sent to the Area Engineers for reference in preparing site specific designs. As always, the owner of the standard detail drawing (Lanco Concrete Walls) is required to provide the working set of drawings on each job site.

The "Index of Standard Detail Drawings by Non-NRCS Engineers Receiving NRCS Concurrence" has been updated to include all currently available concurred drawings.

Action. The enclosed design data sheets should be filed at the back of Chapter 10 in the Agricultural Waste Management Field Handbook. Remove and replace page 2 of the "Index of Standard Detail drawings by Non-NRCS Engineers Receiving NRCS Concurrence".

The concurred drawings may be used on NRCS assisted waste storage structures, within the limitations shown on the design data sheets and the drawings, as part of a site specific design.

/s/ CRAIG R. DERICKSON

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DIST: AO